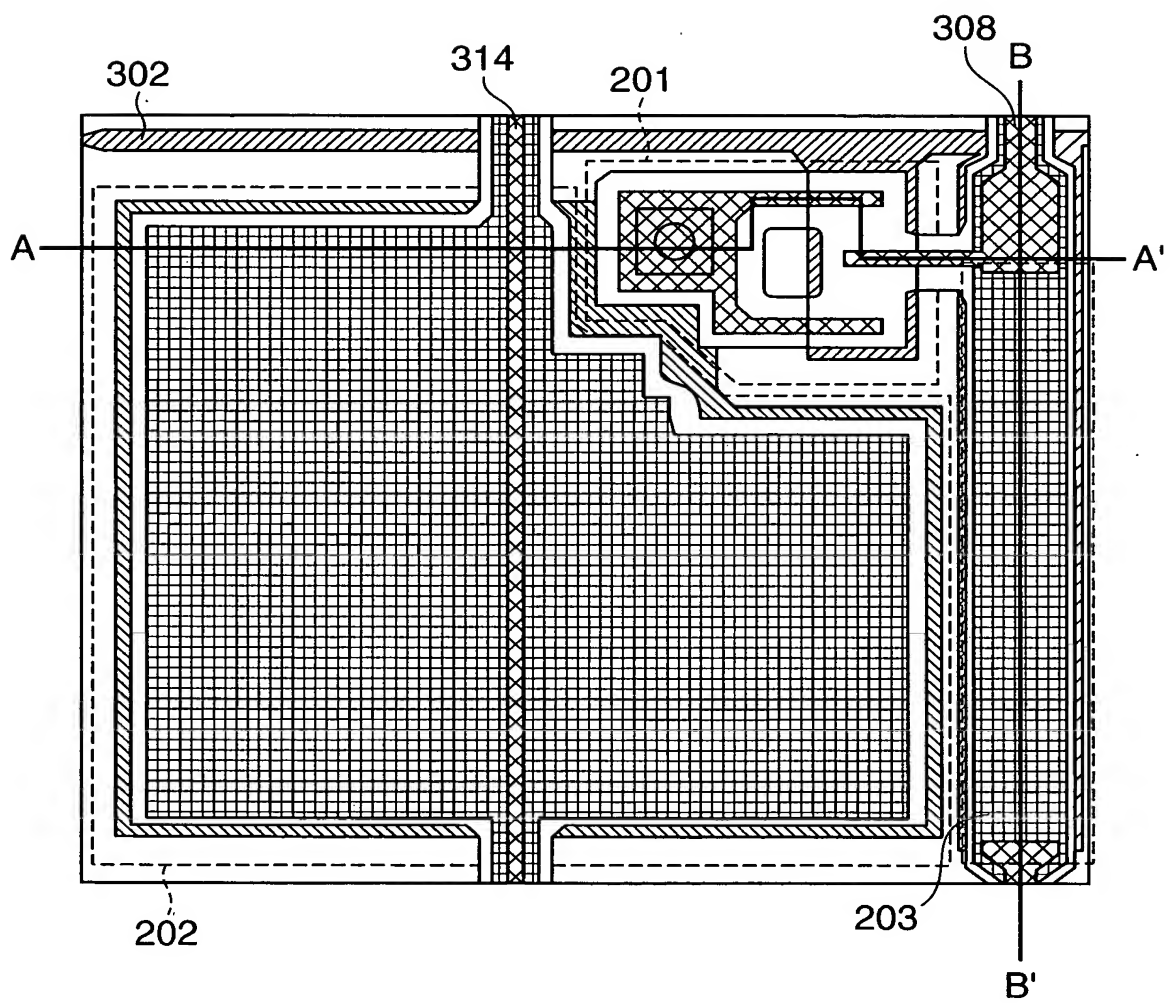
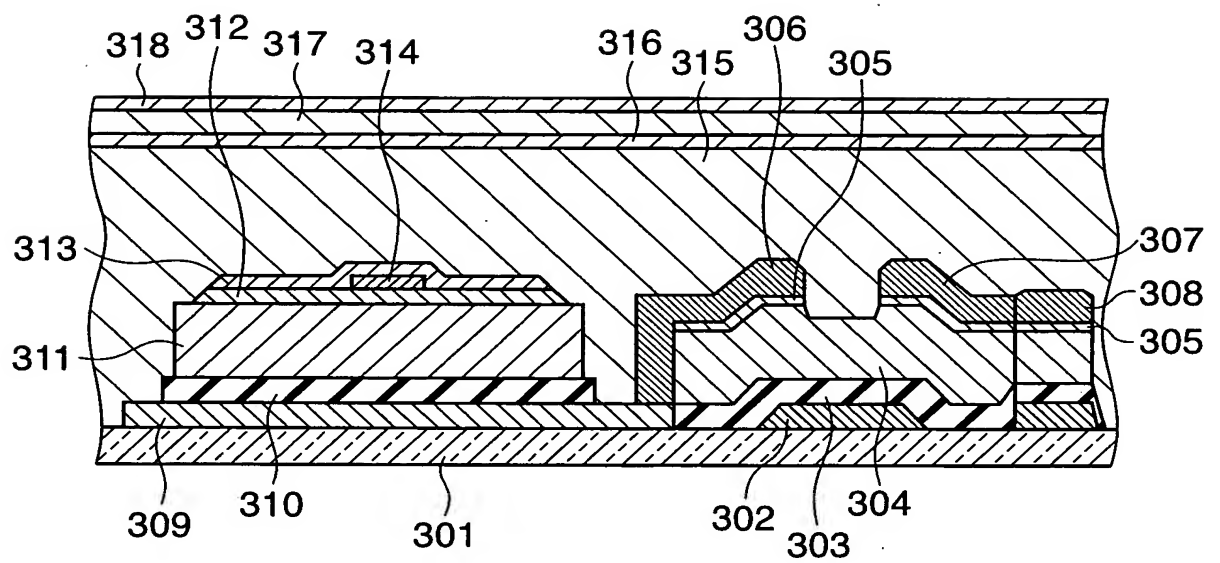
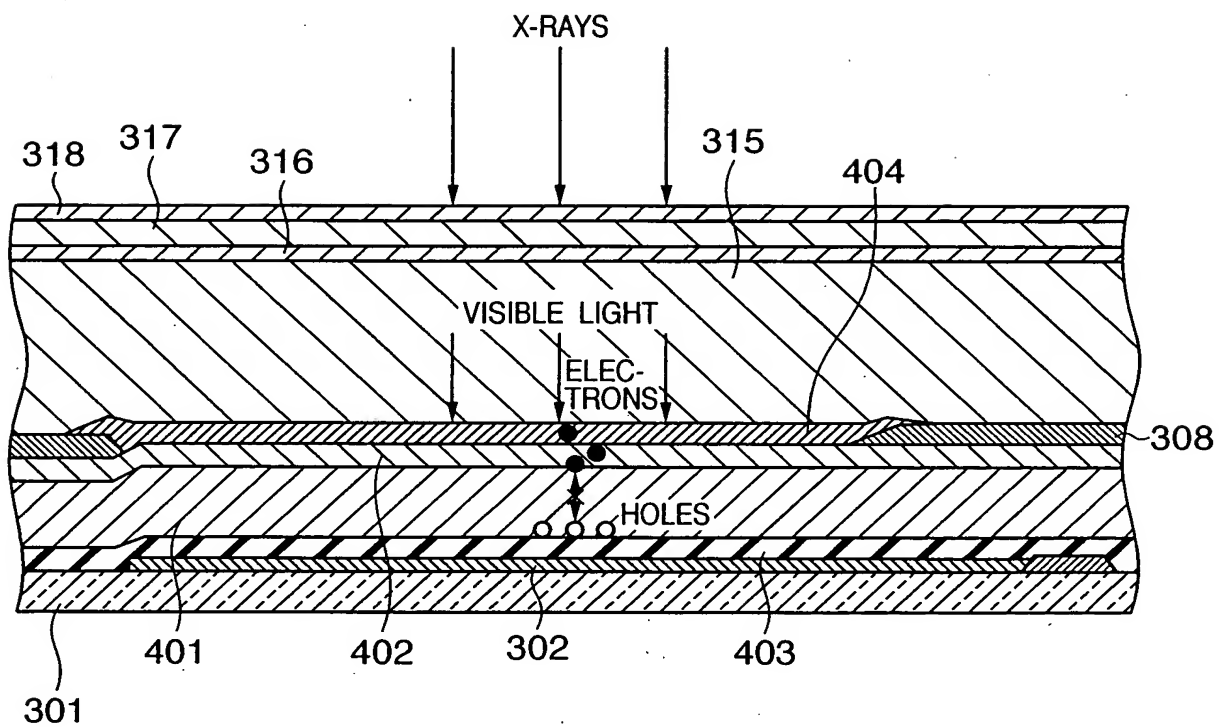
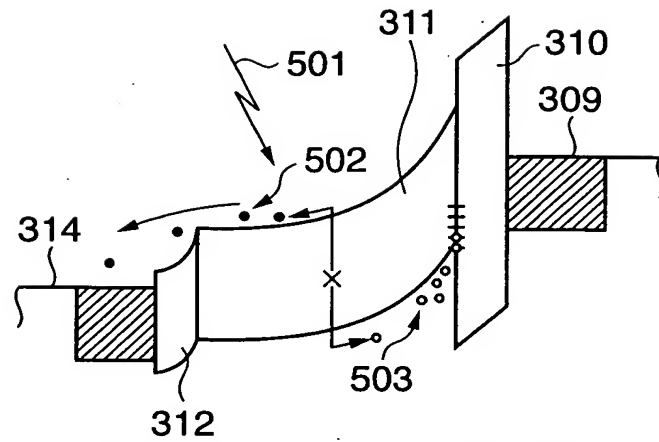


**FIG. 1**

**FIG. 2**

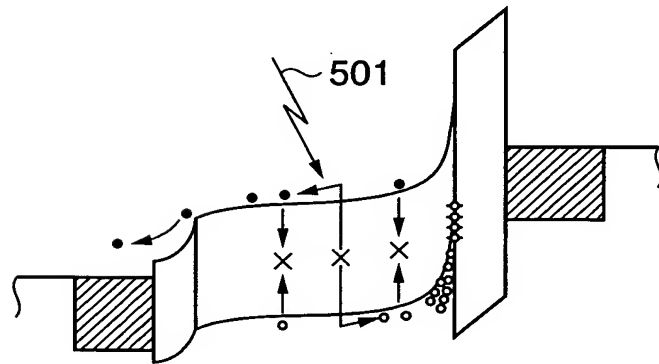
**FIG. 3**

**FIG. 4A**



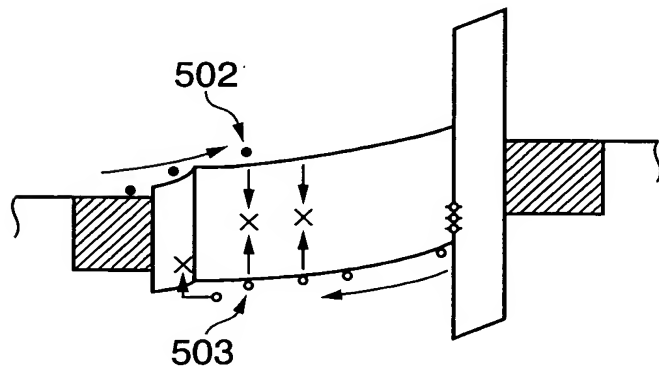
PHOTOELECTRIC CONVERSION MODE

**FIG. 4B**



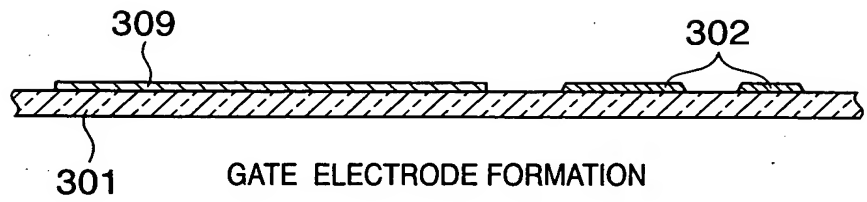
SATURATED STATE

**FIG. 4C**

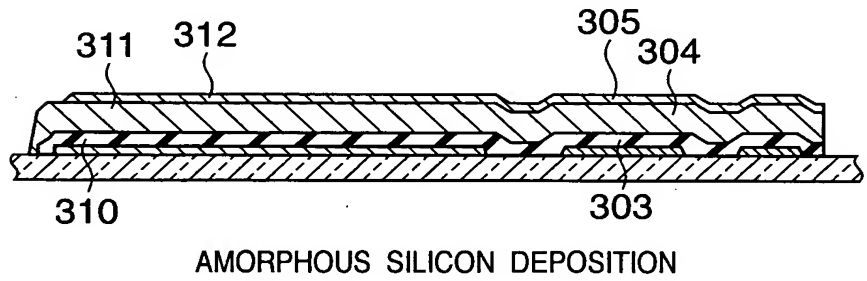


REFRESH OPERATION

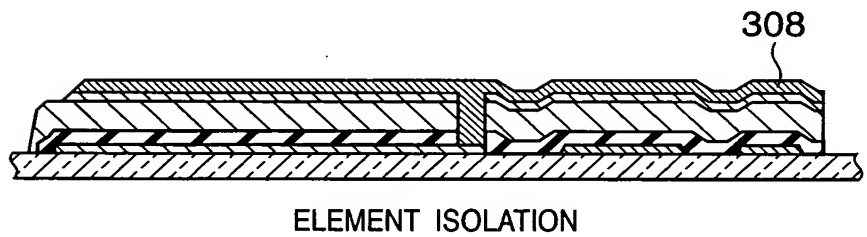
**FIG. 5A**



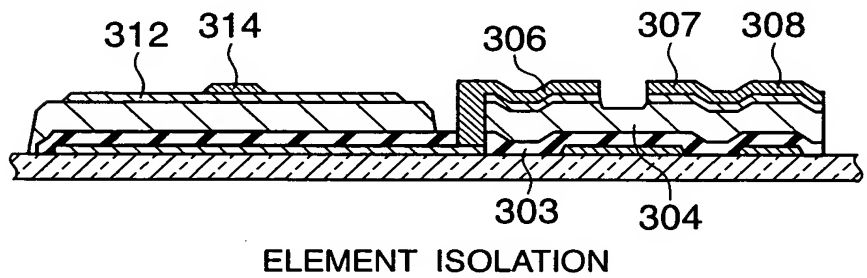
**FIG. 5B**



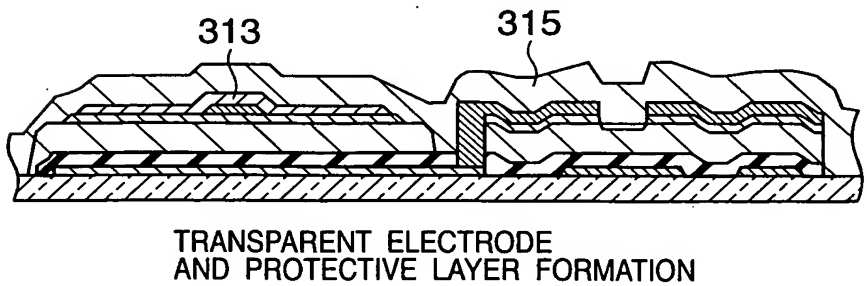
**FIG. 5C**



**FIG. 5D**



**FIG. 5E**



**FIG. 6**

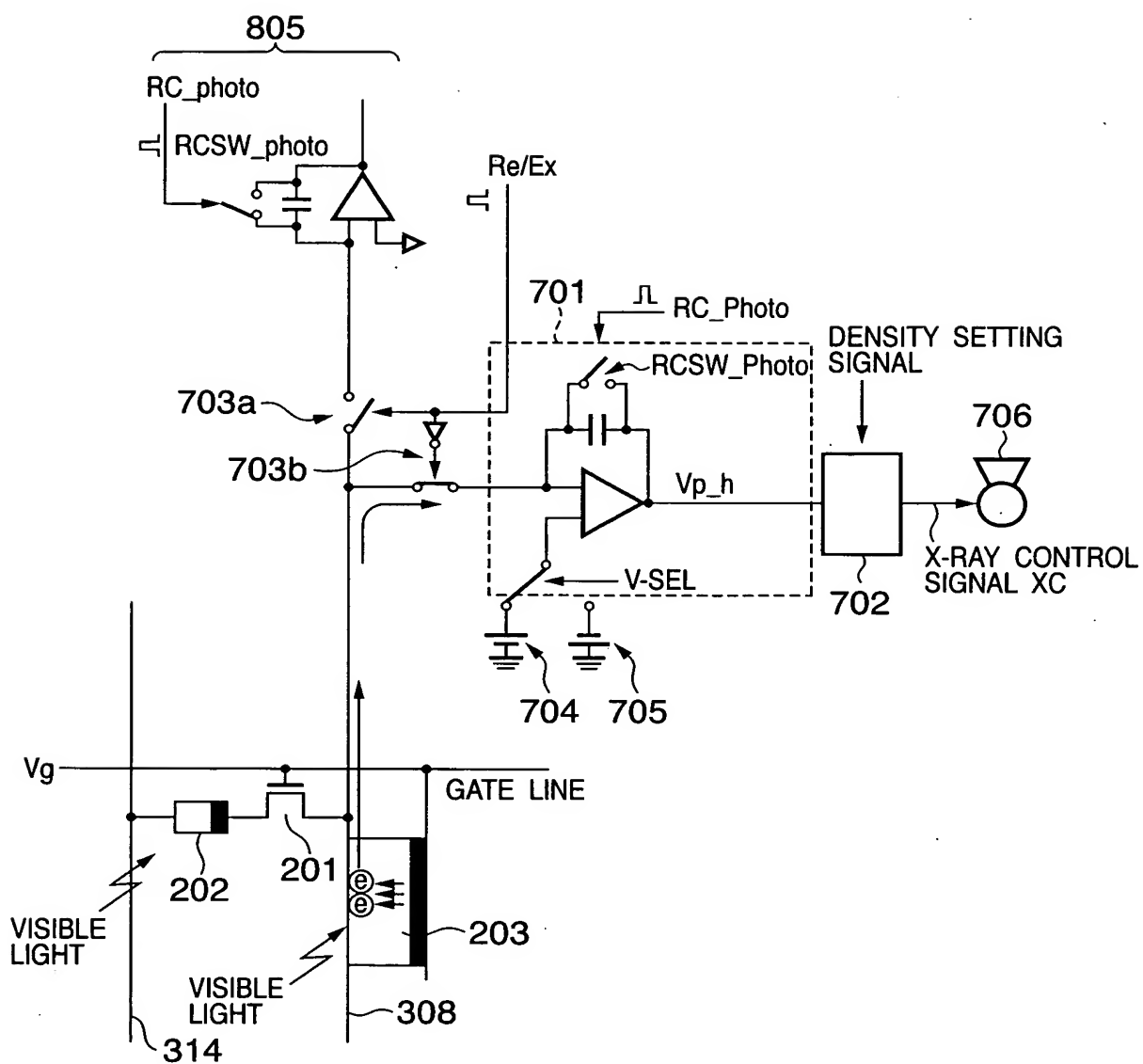


FIG. 7

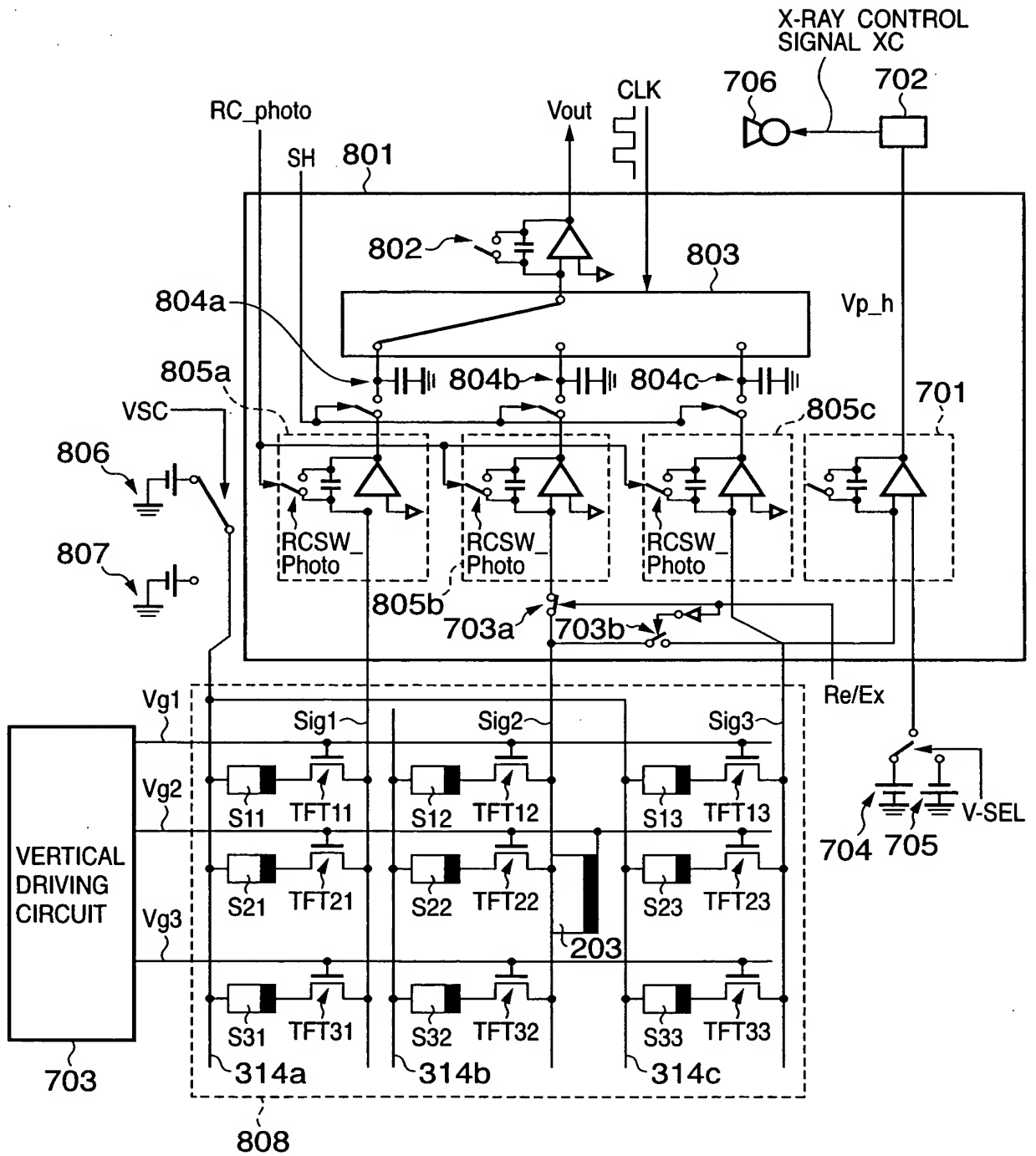
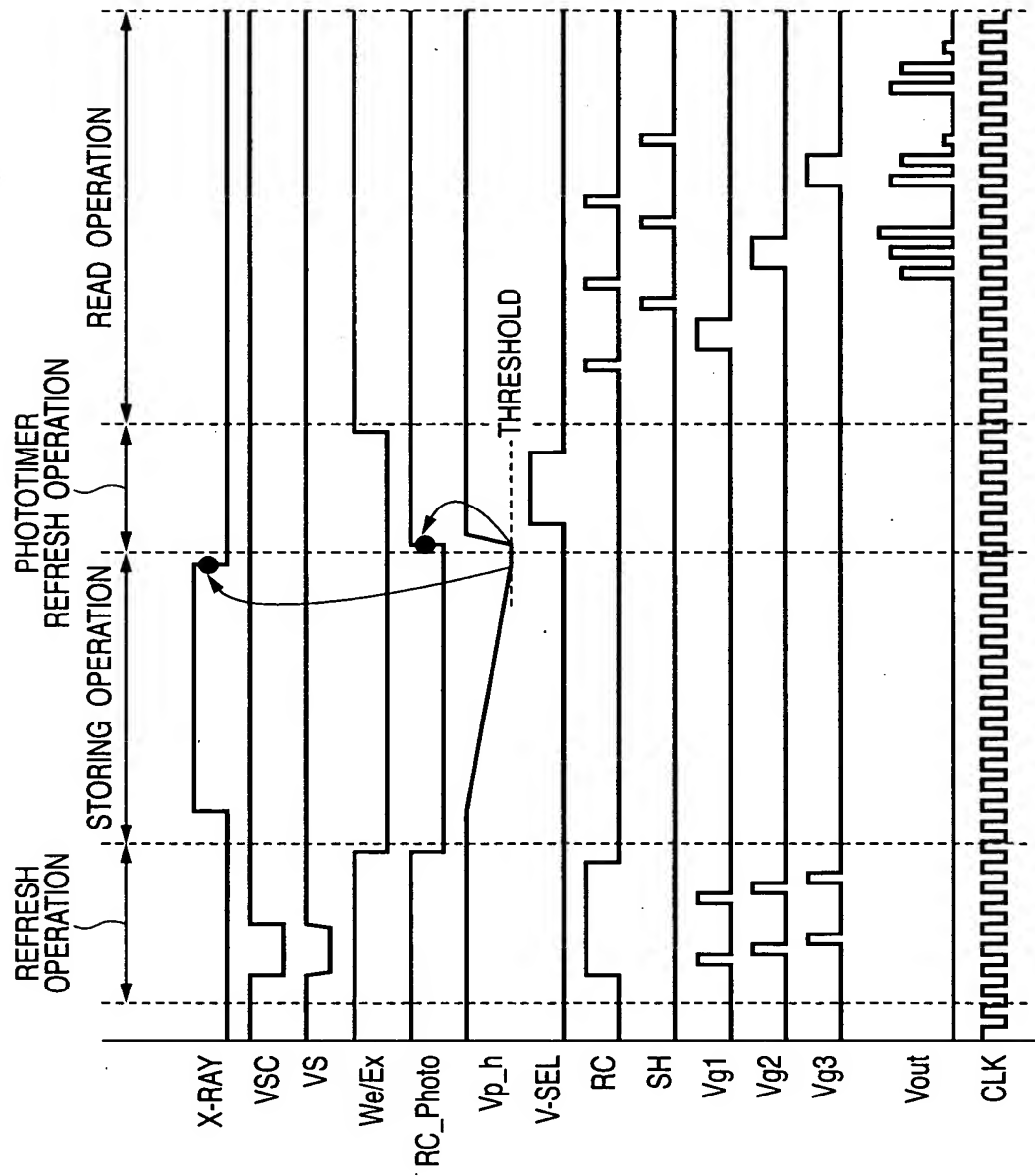
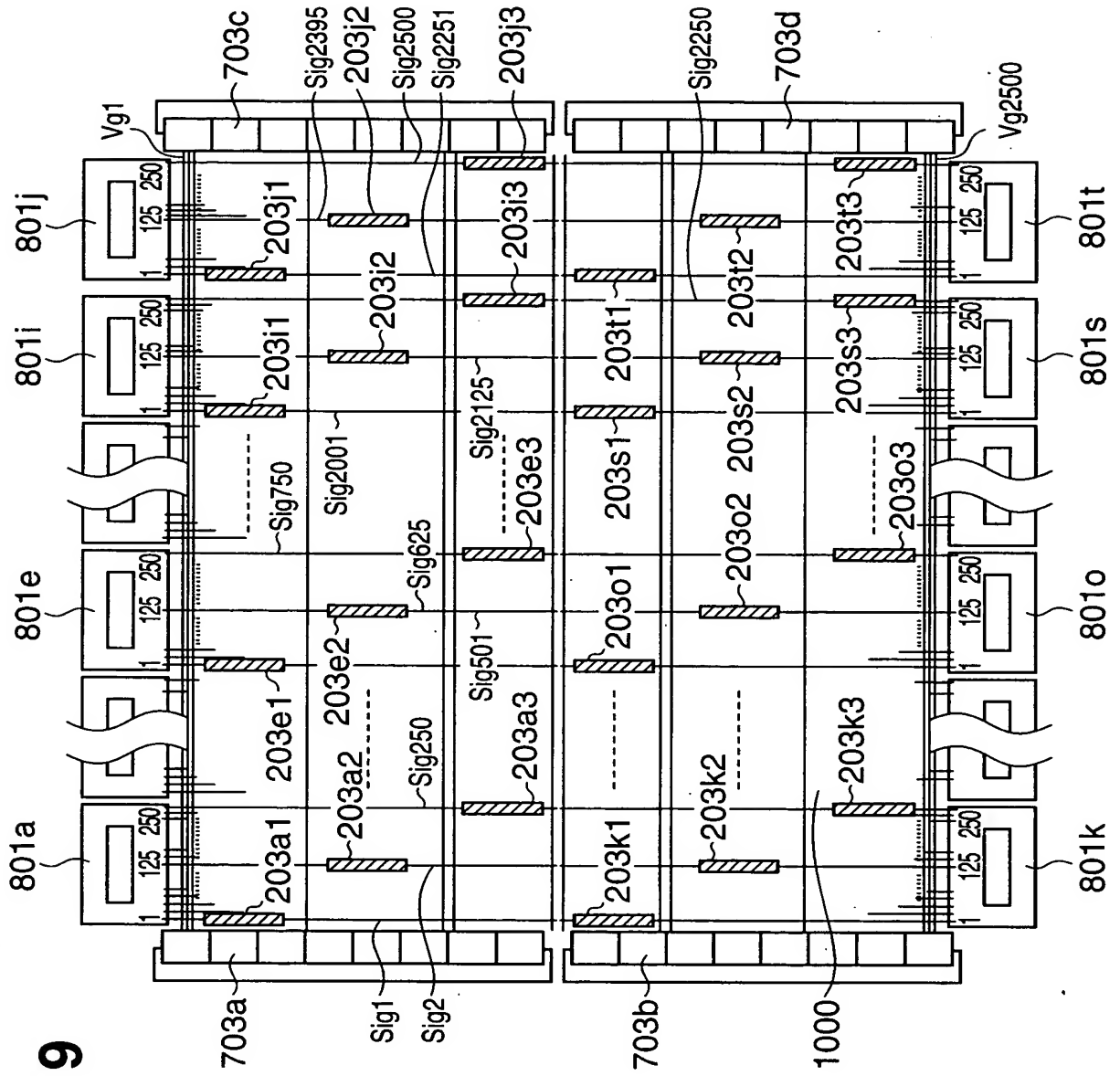


FIG. 8

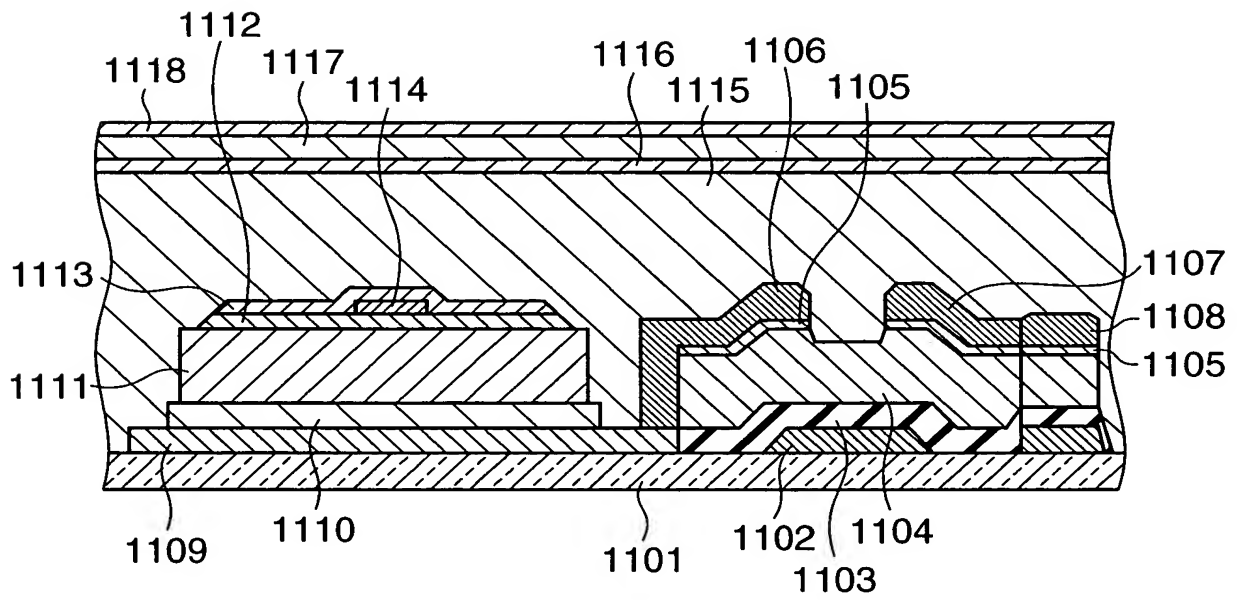


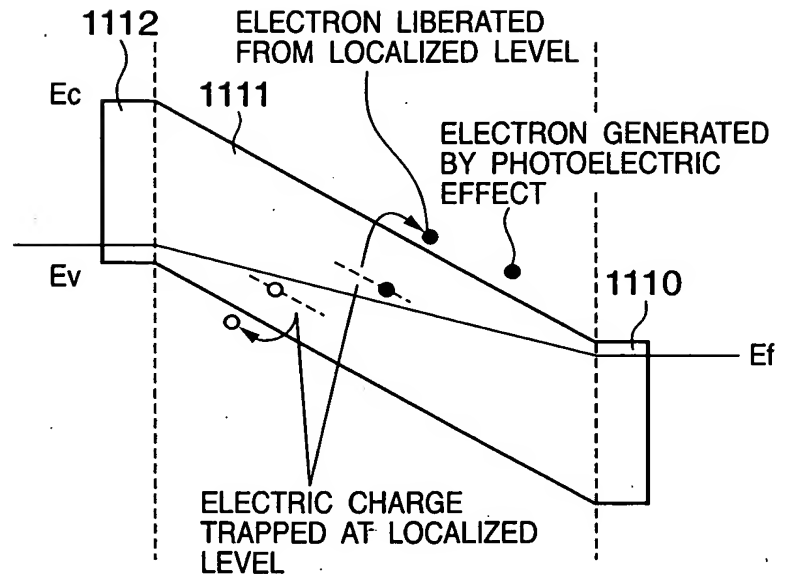


**9  
G.  
F**

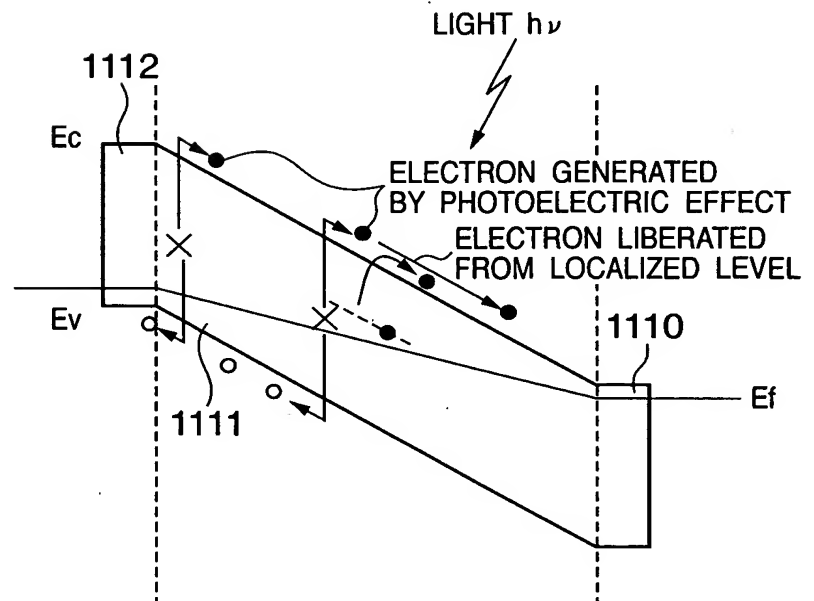


**FIG. 10**



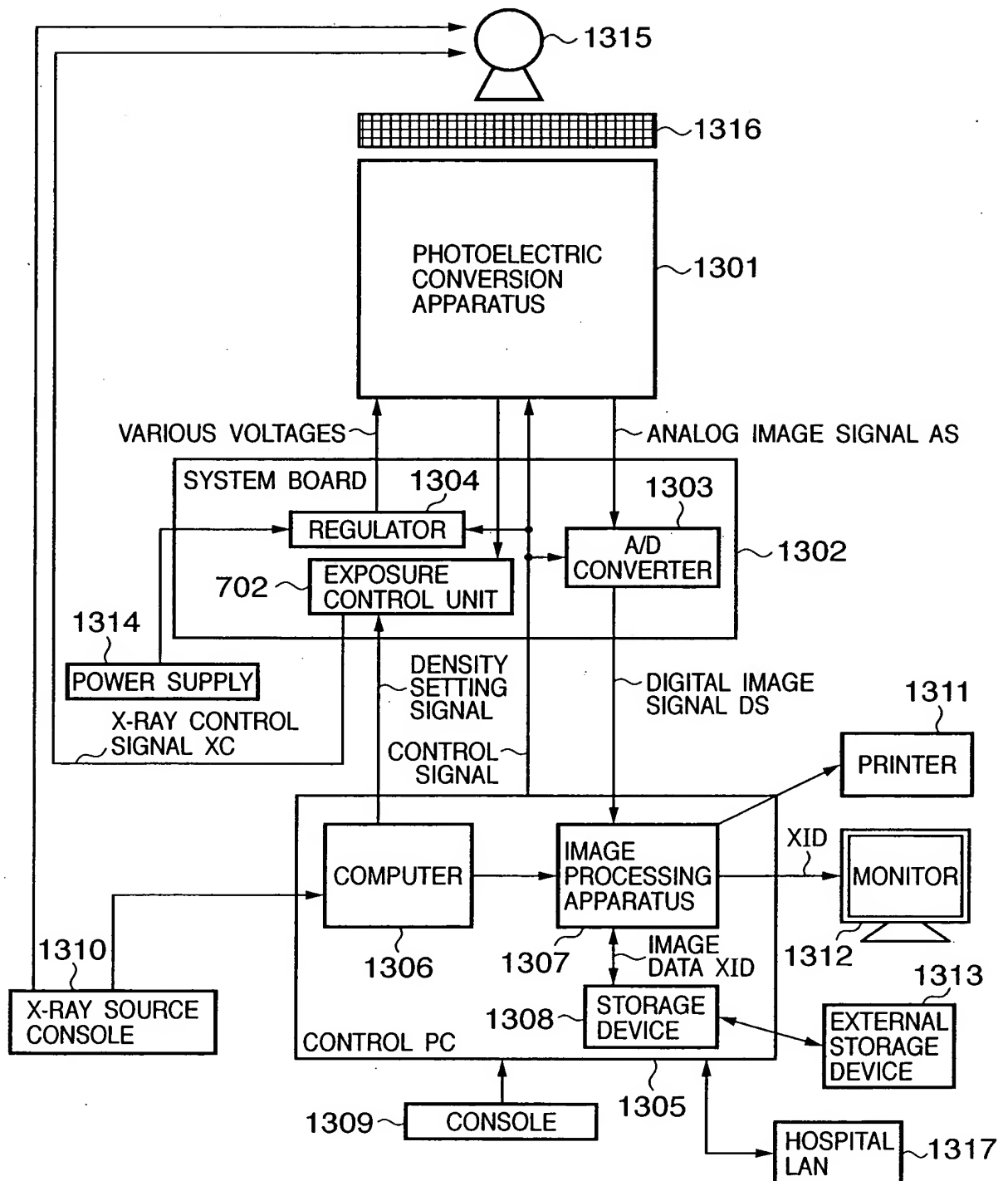
**FIG. 11A**

BAND DIAGRAM IN DARK STATE

**FIG. 11B**

BAND DIAGRAM IN IRRADIATED STATE

FIG. 12



**FIG. 13**  
**PRIOR ART**

